

Converting Colors

CIELCh(85, 38.378, 15.757)

Have a look what the booklet for
CIELCh(85, 38.378, 15.757) contains.

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Color

CIELCh(82, 27.100, 11.720)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC3
RGB	255, 186, 195
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2719, 0.2366
CMYK	0.00, 0.27, 0.24, 0.00
HSL	352°, 100%, 86%
HSV	352°, 27%, 100%
XYZ	68.8048, 60.2982, 59.4443
YIQ	207.6570, 38.2350, 17.4270

Conversions

Conversions Part 2

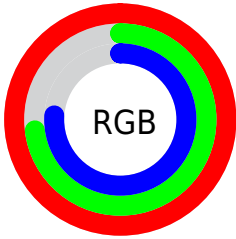
Format	Color
R _Y B	255, 186, 195
Decimal	16759491
CIE Lab	82.00, 26.54, 5.50
CIE LCh	82, 27.100, 11.720
Yxy	60.2982, 0.3649, 0.3198
Android (android.graphics.Color)	4294949571 (0xFFFFBAC3)
YUV	207.6570, -6.2399, 41.5198
Hunter-Lab	77.6519, 22.2722, 8.9685

Details

The CIELCh color **82, 27.100, 11.720** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.344, 186.482**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 6.523, 334.886**, and **62, 26.791, 11.697** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.642, 13.126**, and if you desaturate by 10%, it is **88, 16.469, 10.347**.

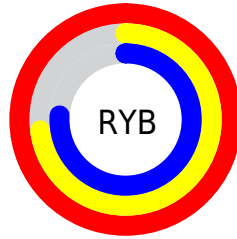
Distribution



Red (100%)

Green (73%)

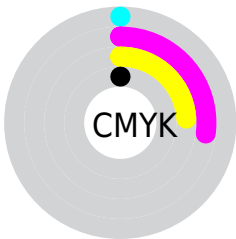
Blue (76%)



Red (100%)

Yellow (73%)

Blue (76%)

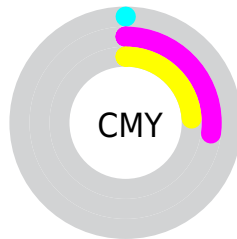


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.100, 11.720 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 82, 27.100, 11.720 by changing the saturation by 10% instead.

 82, 27.100, 11.720

 82, 27.100, 11.720

 100, 27.100,
11.720

 72, 27.100, 11.720

 62, 27.100, 11.720

 52, 27.100, 11.720

 42, 27.100, 11.720

 32, 27.100, 11.720

 22, 27.100, 11.720

 12, 27.100, 11.720

 2, 27.100, 11.720

 0, 27.100, 11.720

82, 27.100, 11.720

82, 27.100, 11.720

76, 37.642, 13.126

88, 16.469, 10.347

70, 48.738, 15.050

95, 6.677, 9.279

65, 59.807, 17.496

100, 0.012,
296.813

60, 70.462, 20.608

57, 80.317, 24.492

55, 89.093, 29.093

54, 96.534, 33.966

53, 98.414, 35.183

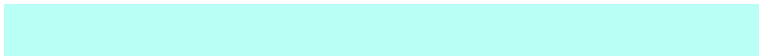
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82, 27.100, 11.720



95, 23.344, 186.482

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 27.100, 11.720



82, 27.100, 61.720



82, 27.100, 191.720



82, 27.100, 241.720

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82, 26.823, 11.594



95, 7.451, 9.365



83, 41.953, 322.047



50, 5.320, 9.521



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 26.823, 11.594



78, 33.065, 12.443



88, 21.796, 57.371



50, 5.320, 9.521



40, 78.511, 34.323



10, 32.405, 21.873

Inverse Universe

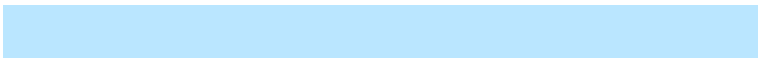
The Inverse Universe completely reimagines the original color for something new.



82, 26.823, 11.594



78, 33.065, 12.443



89, 18.988, 243.234



50, 5.320, 9.521



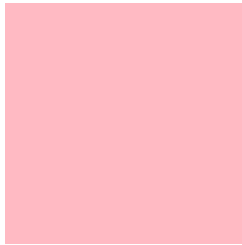
40, 78.511, 34.323



10, 32.405, 21.873

Previews

White Background



This preview shows how the CIELCh color 82, 27.100, 11.720 looks on a white background.

Color Contrast Check

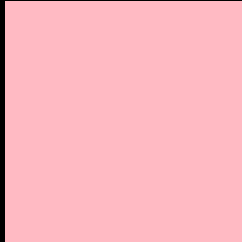
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 27.100, 11.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 27.100, 11.720

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.100, 11.720.

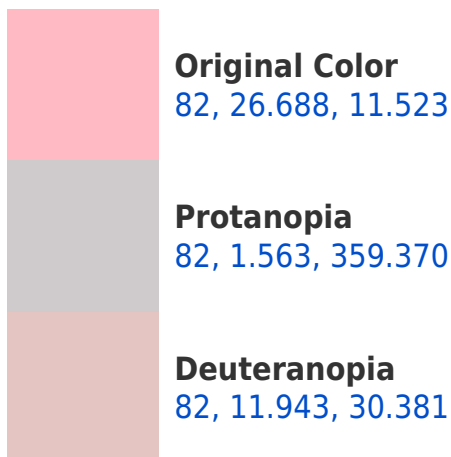


This preview shows how white text looks on a background with the CIELCh color 82, 27.100, 11.720.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

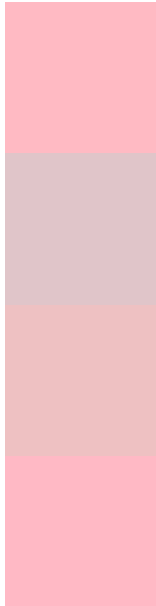
Dichromacy





Tritanopia
82, 27.408, 6.271

Trichromacy



Original Color
82, 26.688, 11.523

Protanomaly
82, 10.274, 8.338

Deuteranomaly
82, 17.118, 18.993

Tritanomaly
82, 27.253, 8.435

Monochromacy



Original Color
82, 26.688, 11.523

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.517, 7.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.100, 11.720 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.100, 11.720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 186, 195) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 186, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.100, 11.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
186, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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